Table 1. Scheduling Constraints

Scheduling Constraints	Description
must-finish-by	Indicates the date on which a task must be completed
dependencies	Indicates that the start date or completion date of one task (dependent task) may be determined by the start or completion date of another task (predecessor task)
start-on	Indicates the date at which a task must start.
start-on-or-after	Indicates the date at which a task must start on or after.
task priority	Indicates a priority level that has been assigned to a task, such as high, medium, or low.
assignment limit	Indicates limitations in assigning a resource to a task and may take the form of "no more than", "no less than, "exactly", etc. (Resource 1 can work on Task 1 no more than X hours per day and no less than Y days per week)
creation	Identifies the date and time at which a task was created or provided to the scheduling program.

In the Claims

Please amend the claims as follows:

26. (~~Twice~~ Once Amended) A method for generating a plurality of individually schedulable assignments for a task, based upon task constraints associated with said task, said task constraints identifying N resources assigned to said task where N is a positive integer, and a required work-amount corresponding to each of said N resources, said program performing the steps comprising:

dividing said task into N assignments, said task comprising an amount of work, each assignment comprising a portion of the work that corresponds with an individual resource;

associating each of said N assignments with one of said N resources, each resource comprising one of an ~~inanimate~~ non-human and ~~animate~~ human object capable of performing an assignment;

for each assignment, identifying the task, corresponding individual resource, and one of the portion of work corresponding to a respective resource and a duration of the assignment; and

generating a list comprising the N assignments.

29. (~~Once~~ Twice Amended) A computer-readable medium on which is stored a computer program for generating a plurality of schedulable assignments for a task, comprising the steps of:

receiving a task description for said task, said task description identifying N resources assigned to said task where N is a positive integer, said task comprising an amount of work, a required work-amount corresponding to each of said N resources, and one or more scheduling constraints for said task:

dividing said task into N assignments, each of said N assignments identifying one of said N resources, each assignment comprising a portion of the work that corresponds with an individual resource, each resource comprising one of an ~~inanimate~~ non-human and ~~animate~~ human object capable of performing an assignment;

for each assignment, identifying the task, corresponding individual resource, and one of the portion of work corresponding to a respective resource and a duration of the assignment;

associating each of said N assignments with said scheduling constraints for said task; and

generating a list comprising the N assignments.

30. (Once Amended) A computer system for generating assignments for a task, comprising:

a processing unit;

a memory storage device;

a program module, stored in the memory storage device for providing instructions to the processing unit;

the processing unit, responsive to the instructions of the program module, operative to:

receive a task description for the task, the task description identifying N resources assigned to the task where N is a positive integer, said task comprising an amount of work;

divide the task into N assignments, each of the N assignments identifying one of the N resources, each assignment comprising a portion of the work that corresponds with an individual resource, each resource comprising one of an ~~inanimate~~ nonhuman and ~~animate~~ human object capable of performing an assignment;

for each assignment, identify the task, corresponding individual resource, and one of the portion of work corresponding to a respective resource and a duration of the assignment;

associate each of said N assignments with said scheduling constraints for said task; and

generate a list comprising the N assignments.